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Advanced Keyword Query for: dipeptidyl peptidase IV

1 2 3 4 5 6 7

☒ 2gbf



rat dpp-iv with aikynyl  
 cyanopyrrolidine #1

**Characteristics**

Release Date: 04-Jul-2006 Exp. Method:

Resolution: 3.10 Å

**Classification**

Hydrolase

**Compound**

Polymer: 1 Molecule: Dipeptidyl peptida

Chains: A,B EC no.: 3.4.14.5  
 Longenecker, K.L., Jakob, C.G., Fry  
 S.

**Authors**

☒ 1r9m



Crystal Structure of Human  
 Dipeptidyl Peptidase IV at 2.1 Ång.  
 Resolution.

**Characteristics**

Release Date: 29-Jun-2004 Exp. Method:

Resolution: 2.10 Å

**Classification**

Hydrolase

**Compound**

Polymer: 1 Molecule: Dipeptidyl peptida

Chains: A,B,C,D EC no.: 3.4.14.5  
 Polymer: 3 Molecule: SUGAR (2-MER)  
 Polymer: 4 Molecule: SUGAR (3-MER)  
 Polymer: 6 Molecule: SUGAR (4-MER)

**Authors**

Aertgeerts, K., Ye, S., Tennant, M.,  
 B., Rogers, J., Sang, B.C., Skene, F.  
 D.R., Prasad, G.S.

☒ 1orv



Crystal Structure of Porcine  
 Dipeptidyl Peptidase IV (CD26)

**Characteristics**

Release Date: 06-May-2003 Exp. Method:




Resolution: 1.80 Å





**Classification**




Hydrolase

<input type="checkbox"/>					<p>Polymer: 1 Molecule: dipeptidyl peptidase IV Fragment: EXTRACELLULAR DOMAIN</p> <p><b>Compound</b> Chains: A,B,C,D EC no.: 3.4.14.5</p> <p>Polymer: 3 Molecule: SUGAR (2-MER) Polymer: 4 Molecule: SUGAR (3-MER)</p> <p><b>Authors</b> Engel, M., Hoffmann, T., Wagner, L. M., Heiser, U., Kiefersauer, R., Hut W., Demuth, H.U., Brandstetter, H</p>
<input checked="" type="checkbox"/>	2bua				<p>CRYSTAL STRUCTURE OF PORCINE DIPEPTIDYL PEPTIDASE IV (CD26) IN COMPLEX WITH A LOW MOLECULAR WEIGHT INHIBITOR.</p> <p><b>Characteristics</b> Release Date: 23-Jan-2006 Exp. Method: Resolution: 2.56 Å</p> <p><b>Classification</b> Complex (hydrolase/ inhibitor)</p>
					<p>Polymer: 1 Molecule: DIPEPTIDYL PEP Fragment: EXTRACELLULAR DOMAIN</p> <p><b>Compound</b> 39-766 Chains: A,B,C,D EC no.: 3.4.14.5</p> <p>Polymer: 4 Molecule: SUGAR (2-MER) Polymer: 5 Molecule: SUGAR (2-MER) Polymer: 6 Molecule: SUGAR (2-MER) Polymer: 7 Molecule: SUGAR (2-MER)</p> <p><b>Authors</b> Nordhoff, S., Cerezo-Galvez, S., Fe O., Matassa, V.G., Metz, G., Rumm C., Thiemann, M., Edwards, P.J.</p>
<input checked="" type="checkbox"/>	2buc				<p>CRYSTAL STRUCTURE OF PORCINE DIPEPTIDYL PEPTIDASE IV (CD26) IN COMPLEX WITH A TETRAHYDROISOQUINOLINE INHIBITOR</p> <p><b>Characteristics</b> Release Date: 23-Jan-2006 Exp. Method: Resolution: 2.50 Å</p> <p><b>Classification</b> Complex (hydrolase/ inhibitor)</p>
					<p>Polymer: 1 Molecule: DIPEPTIDYL PEP Fragment: EXTRACELLULAR DOMAIN</p> <p><b>Compound</b> 39-766 Chains: A,B,C,D EC no.: 3.4.14.5</p> <p>Polymer: 3 Molecule: SUGAR (2-MER) Polymer: 4 Molecule: SUGAR (2-MER) Polymer: 6 Molecule: SUGAR (2-MER)</p> <p><b>Authors</b> Nordhoff, S., Cerezo-Galvez, S., Fe O., Matassa, V.G., Metz, G., Rumm C., Thiemann, M., Edwards, P.J.</p>
<input checked="" type="checkbox"/>	1xfd				<p>Structure of a human A-type Potassium Channel Accelerating factor DPPX, a member of the dipeptidyl aminopeptidase family</p> <p><b>Characteristics</b> Release Date: 26-Oct-2004 Exp. Method: Resolution: 3.00 Å</p> <p><b>Classification</b> Membrane Protein</p>
					<p>Polymer: 1 Molecule: Dipeptidyl aminop protein 6 Fragment: Extracellular dom Chains: A,B,C,D</p>


<b>Compound</b>	Polymer: 2	Molecule: SUGAR (3-MER)
	Polymer: 3	Molecule: SUGAR (4-MER)
	Polymer: 4	Molecule: SUGAR (4-MER)
	Polymer: 5	Molecule: SUGAR (2-MER)
	Polymer: 6	Molecule: SUGAR (3-MER)
	Polymer: 7	Molecule: SUGAR (3-MER)
	Polymer: 8	Molecule: SUGAR (2-MER)
	Polymer: 9	Molecule: SUGAR (4-MER)
	<b>Authors</b> Strop, P., Bankovich, A.J., Hansen, K.C., Garcia K.C., Brunger, A.T.	

<input checked="" type="checkbox"/> 2ole		Crystal Structure Of Human Dipeptidyl Peptidase IV (DPPIV) Complex With Cyclic Hydrazine Derivatives
	<b>Characteristics</b>	Release Date: 22-Jan-2008 Exp. Method: Resolution: 2.40 Å
<input type="text"/>	<b>Classification</b>	Hydrolase
<input type="text"/>	<b>Compound</b>	Polymer: 1 Molecule: Dipeptidyl peptidase IV Chains: A,B EC no.: 3.4.14.5 
<input type="text"/>	<b>Authors</b>	Kim, S.S., Ahn, J.H., Lee, J.O.

<input checked="" type="checkbox"/> 1w1i		CRYSTAL STRUCTURE OF DIPEPTIDYL PEPTIDASE IV (DPPIV OR CD26) IN COMPLEX WITH ADENOSINE DEAMINASE
	<b>Characteristics</b>	Release Date: 02-Sep-2004 Exp. Method: Resolution: 3.03 Å
<input type="text"/>	<b>Classification</b>	Hydrolase/ complex
<input type="text"/>	<b>Compound</b>	Polymer: 1 Molecule: DIPEPTIDYL PEF Fragment: EXTRACELLULAR DOMAIN Chains: A,B,C,D EC no.: 3.4.14.5  Polymer: 2 Molecule: ADENOSINE DEAMINASE Chains: E,F,G,H EC no.: 3.5.4.4  Polymer: 3 Molecule: SUGAR (3-MER) Polymer: 4 Molecule: SUGAR (2-MER) Polymer: 5 Molecule: SUGAR (4-MER) Polymer: 7 Molecule: SUGAR (2-MER)
<input type="text"/>	<b>Authors</b>	Weihsen, W.A., Liu, J., Reutter, W.W., Fan, H.

<input checked="" type="checkbox"/> 2bgn		HIV-1 TAT PROTEIN DERIVED N-TERMINAL NONAPEPTIDE TRP2-TA (1-9) BOUND TO THE ACTIVE SITE OF DIPEPTIDYL PEPTIDASE IV (CD26)
	<b>Characteristics</b>	Release Date: 27-Jan-2005 Exp. Method: Resolution: 3.15 Å
<input type="text"/>	<b>Classification</b>	Hydrolase/ complex
<input type="text"/>	<b>Compound</b>	Polymer: 1 Molecule: DIPEPTIDYL PEF Fragment: EXTRACELLULAR DOMAIN 39-766 Chains: A,B,C,D EC no.: 3.4.14.5  Polymer: 2 Molecule: ADENOSINE DEAMINASE

## Compound

Chains: **E,F,G,H** EC no.: 3.5.4.4   
 Polymer: **3** Molecule: **TAT PROTEIN** Fragment: **HIV-1  
 TAT PROTEIN DERIVED N-TERMINAL  
 NONAPEPTIDE, RESIDUES 1-9** Mutation: **YES**  
 Chains: **W,X,Y,Z** Other Details: **ASP2TRP VARIANT  
 OF HIV-1 TAT PROTEIN DERIVED N-TERMINAL  
 NONAPEPTIDE**

Polymer: **4** Molecule: **SUGAR (3-MER)**  
 Polymer: **5** Molecule: **SUGAR (2-MER)**  
 Polymer: **6** Molecule: **SUGAR (4-MER)**  
 Polymer: **8** Molecule: **SUGAR (2-MER)**

## Authors

Weihsfen, W.A., Liu, J., Reutter, W., Saenger,  
 W., Fan, H.



Crystal structure of complex of  
 human DPP4 and inhibitor

## Characteristics

Release Date: **06-Nov-2007** Exp. Method:  
 Resolution: **2.60 Å**

## Classification

Hydrolase



## Compound

Polymer: **1** Molecule: **Dipeptidyl peptida**  
 Fragment: **Extracellular domain** Chains  
 no.: **3,4,14,5** 

## Authors

Nar, H., Himmelsbach, F., Eickhardt

